

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S230	149	defect same management same finaliz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S229	0	defect same magangement same backup	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S228	566840	defect same area same spare smae list	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S227	600	defect same area same spare same list	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S226	157	defect same area same spare same list and park	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S225	159	defect same area same finaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S224	86	S219 or S218	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S223	7	("20020136537"   "20040062160"   "5940853"   "6341109"   "6667939"   "6842580"   "6883111").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S222	104	defect same management same backup	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S221	4	defect same management and g-list	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S220	7	("20020136537"   "20040062160"   "5940853"   "6341109"   "6667939"   "6842580"   "6883111").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S219	77	finaliz\$4 and (369/53.17.ccls. 369/47.14.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S218	75	finaliz\$4 and (369/53.15.ccls. 369/47.14.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51

## EAST Search History

S21 7	0	("7161879").URPN.	USPAT	OR	ON	2007/11/29 12:51
S21 6	4	defect same area same spare and glist	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S21 5	14	defect same area and g-list	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S21 4	2	(non-rewritable) with defect with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S21 3	11	369/47.13.ccls. and (write near2 once CD-r DVD-R)and defect with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S21 2	4	defect same management same updat\$3 same sessions	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S21 1	254	write-once same defect same management same record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S21 0	201	defect same management same recording with operation same user	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S20 9	285	write-once same defect same management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S20 8	9	("6564345").URPN.	USPAT	OR	ON	2007/11/29 12:51
S20 7	12	("4774700"   "4949326"   "5111444"   "5237553"   "5623470"   "5715221"   "5841748"   "5883867"   "5966358"   "6049515"   "6160778"   "6292625").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S20 6	746	defect same management same updat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S20 5	447	defect same management same recording with operation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S20 4	28	(read-only) with defect with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51

## EAST Search History

S20 3	10	"6667939"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S20 2	199	(record\$3 near2 once) with defect with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S20 1	34	"6469978"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S20 0	327	(write near2 once) with defect with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S19 9	353	(write near2 once CD-r DVD-R) with defect with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S19 8	231	defect same management same updat\$3 same list	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S19 7	64	(dvd-r) with defect with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S19 6	2	(non near2 rewritable) with defect with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S19 5	2	"20030156471"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S19 4	0	"200300156471"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S19 3	36	("4835757").URPN.	USPAT	OR	ON	2007/11/29 12:51
S19 2	25	"6367038"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S19 1	40	"4835757"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S19 0	6	"6385148"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51

## EAST Search History

S18 9	12	("4774700"   "4949326"   "5111444"   "5237553"   "5623470"   "5715221"   "5841748"   "5883867"   "5966358"   "6049515"   "6160778"   "6292625").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S18 8	99	byung-Jin with kim	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S18 7	2	"US 20050135209"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/11/29 12:51
S18 6	1	2004-348242.NRAN.	DERWENT	OR	ON	2007/11/29 12:51
S18 5	2	"20020136537"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S18 4	77	(primary first) with (second\$4) same defect with (area management list) same (only once) same updat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S18 3	603	(primary first) with (second\$4) same defect with (area management list) same (only once)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S18 2	0	defect\$3 with management same finalaz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S18 1	146	defect\$3 with management same finaliz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S18 0	3207	(primary first) with (second\$4) same defect with (area management list)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S17 9	398	record\$3 with once same defect\$3 with management	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S17 8	32	defect same manag\$4 same memory same primary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S17 7	2	"US 20040125717"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/11/29 12:51

## EAST Search History

S17 6	11	("5111444"   "5235585"   "5271018"   "5648954"   "5715221"   "5896364"   "6160778"   "6292625"   "6453384"   "6466532"   "6477126").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S17 5	199	defect with list with tempo\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S17 4	2	primary with defect with management with redundan\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S17 3	201	primary with defect with management with secondary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S17 2	12	("4774700"   "4949326"   "5111444"   "5237553"   "5623470"   "5715221"   "5841748"   "5883867"   "5966358"   "6049515"   "6160778"   "6292625").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S17 1	0	primary with defect with management with suple\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S17 0	0	primary with defect with management with extra	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 9	35	primary with defect with management with plural\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 8	0	primary with defect with management with suplement\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 7	29	primary with defect with list with alternative	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 6	0	primary with defect with management with suplement\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 5	7	"6385148"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 4	0	primary with defect with management with sondary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51

## EAST Search History

S16 3	1	primary with defect with list with provis\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 2	9	holog\$4 with record\$3 with medium same layer same bleach\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 1	5911	holog\$4 with record\$3 with medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S16 0	406	defect with management with tempo\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S15 9	438	defect with management with temp\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S15 8	136	record\$3 same transmi\$6 same reflect\$3 same substrate same layer same holog\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S15 7	77	transmi\$6 same (mask\$3 shield\$3) same layer same light and hologra\$3 same dis\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S15 6	404	holog\$4 with record\$3 with medium same intensity with light	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S15 5	40	holog\$4 with record\$3 with medium same protect\$3 with layer with light	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S15 4	22	("5474874"   "5559769"   "5572503"   "5610879"   "5661716"   "5684769"   "5691072"   "5701281"   "5738973"   "5777981"   "5817389"   "5824450"   "5917791"   "5999512"   "6083597"   "6108296"   "6254966"   "6320832"   "6366547"   "6456586"   "6487164"   "6538968").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S15 3	134	transmi\$6 same intensity same light same hologr\$3 same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S15 2	2846	record\$3 same transmi\$6 same reflect\$3 same substrate same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51

## EAST Search History

S15 1	38	369/103,284,285.ccls. and transmi\$6 same (mask shield\$3) same layer	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/11/29 12:51
S15 0	74	holog\$4 with record\$3 with medium same layer same intensity with light	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S14 9	407	transmi\$6 same (mask\$3 shield\$3) same layer same light and hologra\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S14 8	17	430/64\$.CCLS. AND holograph\$3	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/11/29 12:51
S14 7	673	transmi\$6 with reflect\$\$3 same hologra\$3 with layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S14 6	90	428/64\$.CCLS. AND holograph\$3	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/11/29 12:51
S14 5	49	defect with list with temporary	USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S14 4	48	defect with manag\$4 with temporary	USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S14 3	1	holog\$4 with record\$3 with medium same layer same ambient with light	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S14 2	1	("6556531").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S14 1	210	defect with management with tempo\$5 same spare	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S14 0	116	holog\$4 with record\$3 with medium same shield\$3 withintensity with light	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S13 9	106	369/285.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S13 8	286359	holog\$4 with record\$3 with medium same layer smae intensity with light	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51

## EAST Search History

S13 7	88	428/64\$.CCLS. AND holograph\$3	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/11/29 12:51
S13 6	2	"US 20040233831"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/11/29 12:51
S13 5	126	ortiz with criado	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S13 4	3	("5874147"   "6221455"   "6511788").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S13 3	2	holog\$4 with record\$3 with medium same shield\$3 with intensity with light	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S13 2	115	transmi\$6 with reflect\$\$3 same hologra\$3 with layer same record\$3 with medium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S13 1	52	transmi\$6 with reflect\$\$3 same hologra\$3 with layer same dis\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S13 0	3	holog\$4 with record\$3 with medium same mask\$3 with intensity with light	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S12 9	638	defect same management same first with second	US-PGPUB; USPAT; EPO; JPO; DERWENT.	OR	ON	2007/11/29 12:51
S12 8	440	defect same management same temporary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S12 7	58	defect same management same temporary same list same spare	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S12 6	439	defect same management same list same spare	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S12 5	488	defect same management same area same first with second	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51



## EAST Search History

S12 4	126	ortiz with criado	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:51
S12 3	3	("4583209"   "6137755"   "6236628").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/29 12:51
S12 2	122	(defect near2 management near2 temporary).clm.	US-PGPUB; USPAT	OR	ON	2007/11/29 12:25
S12 1	122	(defect near2 management near2 temporary).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:25
S12 0	0	defect near2 management near2 depleted	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:25
S11 9	2	defect near2 management near2 exhausted	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/29 12:25